

Recombinant Human SH3GLB1 293 Cell Lysate

Cat. No. SH3GLB1-1866HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH3-domain GRB2-like endophilin B1 (SH3GLB1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SH3GLB1 SH3-domain GRB2-like endophilin B1 [Homo sapiens]

Official Symbol

SH3GLB1

Synonyms

SH3GLB1; SH3-domain GRB2-like endophilin B1; SH3 domain, GRB2 like, endophilin B1; endophilin-B1; Bif 1; CGI 61; KIAA0491; PPP1R70; protein phosphatase 1; regulatory subunit 70; Bax-interacting factor 1; SH3-containing protein SH3GLB1; SH3 domain-containing GRB2-like protein B1; protein phosphatase 1, regulatory subunit 70; Bif-1; CGI-61; dJ612B15.2;

Gene ID

51100

mRNA Refseq

NM_001206651

Protein Refseq

NP_001193580

MIM

609287

UniProt ID

Q9Y371

**Chromosome
Location**

1p22.3

Pathway

Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;

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Function

SH3 domain binding; cytoskeletal adaptor activity; identical protein binding; lipid binding; protein binding; protein homodimerization activity;

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